City of Corvallis

Salmon Response Plan

Prepared for:

City of Corvallis, Oregon
Public Works Department
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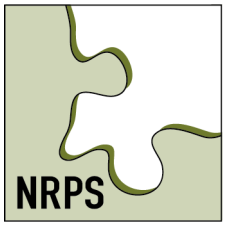

Appendix 3

Example Worksheet Records for Non-Weighted Baseline Database and Weighted Pathways Database

PATHWAY ANALYSIS - ZONING DISTRICTS

Line Item Reference	Document ID	Enter relevant data directly from development code			Summary and description of relevant indicators (uses, activity, or standards) impacting habitat	Formatted Response to two key questions: 1) What is the relationship between the source use or activity, the pathway, and the habitat? 2) What is the rationale for scoring this specific pathway for the following parameters: +/-/0 (Col.10 a), Mag.(Col.11 b), Dur. (Col.12 c), Intensity (Col.13 d)?	Def./Quant. Def./NonQ Cond/Q. Cond/NQ	Direct Direct Direct Indirect Indirect	Channelization Barriers Buffers Contaminants Impervious Surfaces	Impact to PFC POS - Positive NEG - Negative NTRL - Neutral	Magnitude City=3 Reach=2 Point=1	Duration Chronic=3 Episodic=2 Once =1	Intensity (Impact to Habitat) High=3 Medium=2 Low=1	Subtotal	Total Score
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LI	DOC	Chapter Name	Sect #	Sect. Name	Description	Discussion/Justification	Filter	Impact	Pathway/Conveyance	+/-/0 (a)	Mag. (b)	Dur. (c)	Int. (d)	ST	Tot.
71	LDC	Flood Control and Drainageway Provisions	4.5.10	Purpose	... to protect open, natural streams and drainageways as an integral part of the City environment and to maintain both hydrological and biological functions of an open drainageway system in accordance with the Corvallis Drainage Master Plan. This is important in order to manage stormwater drainage, minimize maintenance costs, protect properties adjacent to drainageways, improve water quality, protect riparian plant and animal habitats, and provide opportunities for trail linkages.	1 - A statement of purpose to protect natural streams and drainageways. This protection has potential to benefit the stream habitat. 10(a) - Neutral: Habitat protection and environmental quality is not stated in the purpose. 11(b) - City: The purpose applies City-wide. 12(c) - Chronic: The purpose will persist until amended. 13(d) - Low: Amending the purpose statement would yield marginal benefits to habitat.	C/N	Direct	Multiple	NTRL	0	0	0	0	0
72	LDC	Flood Control and Drainageway Provisions	4.5.70	Standards in the Floodway	New construction, substantial improvements, and encroachments are prohibited within the 0.2-foot-rise floodway. The floodway is the portion of the floodplain where high volumes of moving water flow through streams or drainageways....Nonstructural development, such as parking lots, may be permitted within the floodway...with certification.	1 - Construction or encroachment is prohibited within the floodway. While this section focuses on protection of life and property from flooding, it also prevents direct contamination of stream habitat resulting from construction and release of contaminants caused by flood damage. 10(a) - Positive: Prevents contamination of stream habitat that might otherwise occur. 11(b) - City: The purpose applies City-wide. 12(c) - Chronic: The restriction will persist until amended. 13(d) - Low: Development activity within the floodway would be avoided by most developers even without the restriction.	C/N	Direct	Multiple	POS	3	3	1	7	7

Pathways and Effects Form

Reference ID: 405

Document Identification	LDC	Section Number	4.5.120
Chapter Name	4.5 Flood control, Storm Drainage, and Wetland Provisions	Filter (7)	
		Impact Type (8)	Direct
Section Name	Mitigation for Disturbances to Drainageways and Wetlands	Pathway Conveyance (9)	Contaminants
		PFC Impact (10 +/-/0 [a])	POS-DEV

Description

Encourages developers to avoid impacts to drainageways and wetland areas. Provides incentives to developers who avoid or minimize impacts to drainageways & wetlands. The incentives to developers should they avoid or minimize impacts to drainageways and wetlands include a reduction in minimum lot size and density bonuses. The policy outlines the formula for calculating the development incentives.

Discussion/Justification

Development within drainageways and wetlands generally have a negative effect on PFC. The City recognizes this and has created incentives for developers in order to encourage them to avoid, reduce, or minimize the negative impact on drainageways and wetlands.

10(a) - Positive: Policy wil encourage future development to avoid, reduce or minimize negative impact to PFC.
11(b) - Meta-Reach: The policy applies to meta-reaches .
12(c) - Periodic: Development will continue in the drainageways and wetlands but will have less impact on PFC

Meta-Reach Data

RefID	MetaReach	Basin	ZoningClass	ReachFactor	Magnitude	Timing	Intensity	Duratio	SubTotal	WeightFactor	Score
405	DCEF	Dixon Creek	Any	0	3	3	3	0	9	1	9
405	DCMF	Dixon Creek	Any	0	3	3	3	0	9	1	9
405	DCR1	Dixon Creek	Any	0	3	3	3	0	9	1	9
405	DCR2	Dixon Creek	Any	0	3	3	3	0	9	1	9
405	DCR3	Dixon Creek	Any	0	3	3	3	0	9	1	9
405	DCR4	Dixon Creek	Any	0	3	3	3	0	9	1	9
405	DCWF	Dixon Creek	Any	0	3	3	3	0	9	1	9
405	FRAZIER	Frazier Creek	Any	0	3	3	3	0	9	1	9
405	Garfield	Garfield	Any	0	3	3	3	0	9	1	9
405	JACKSON	Jackson Creek	Any	0	3	3	3	0	9	1	9
405	OCNTR1	Oak Creek	Any	0	3	3	3	0	9	1	9
405	OCNTR2	Oak Creek	Any	0	3	3	3	0	9	1	9
405	OCNTR3	Oak Creek	Any	0	3	3	3	0	9	1	9
405	OCNTWF	Oak Creek	Any	0	3	3	3	0	9	1	9
405	OCR1	Oak Creek	Any	0	3	3	3	0	9	1	9
405	OCR2	Oak Creek	Any	0	3	3	3	0	9	1	9
405	OCR3	Oak Creek	Any	0	3	3	3	0	9	1	9